

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 115240-1529 - Front Right Wheel Hub

Sample No: LH0254124

Oil Type: LIEBHERR GEAR BASIC 90 LS



**DAVIS INDUSTRIAL INC.**  
 9920 RICHMOND HIGHWAY  
 LORTON, VA  
 US 22079  
 Contact: JAMIE  
 jamie.davisindustries@gmail.com  
 T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0254124	---	---	---
Sample Date	17 Jun 2023	---	---	---
Machine Hours	4033	---	---	---
Oil Hours	775	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	107	---	---	---
-------------	-----	-----	-----	-----	-----



#### CONTAMINATION

Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---



#### WEAR METALS

Iron	ppm	● 45	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 19	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 822	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 1	---	---	---

#### Diagnosis

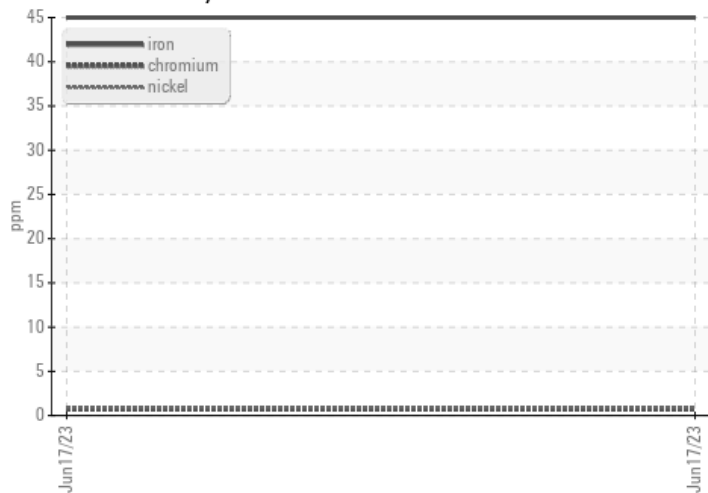
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** DAVLORVA  
**Unique No:** 10550485  
**Signed:** Sean Felton  
**Report Date:** 12 Jul 2023

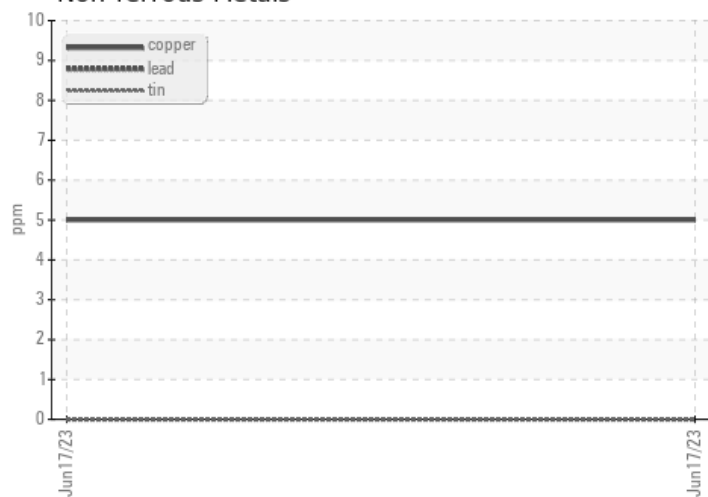


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

